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feedback amplifiers. Jiin-Long Lee and Shen-luan Liu. A dual-input **RC** active integrator and a differentiator with ... according to the GCBs, the variation in **feedback gain** can be ignored and hardly influences the settling time for the **AGC**. 1 sedra, A., and BRACKETT, P.O.: '**Filter** theory and design: Active and ...
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able **gain amplifier** using differential topology for better noise performance. It consists of a high-pass ... The high-pass **RC filter** is designed to eliminate the [5] H. Cheung, K. Cheung, J. Lau, "A Low Power Monolithic **AGC** with ...
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insensitivity to input capacitance by use of shunt **feedback** resistor, Figure 5. **AGC** Peak Detector. **Amplifier Gain** Change with Extended Same. Polarity Data balanced differential **RC filter** between the SA5223 output pins ...
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to the addition or loss of half of the WDM channels, the laser **AGC** ... limiting **amplifier** (with an isolator and a synchronized étalon **filter**). A represents ... R.E. Wagner, **R.C. Alfemess**, A.A.M. Saleh, M.S. Goodman, IEEE J. Lightwave Technol. ... Schematic of **gain-controlled EDFA** with an all-optical **feedback** ...

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6. [PDF] CLC5523 Low Power, Variable **Gain Amplifier**

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gain block coupled with a current **feedback** output **amplifier**. ... **AGC** circuits. The **gain** control circuit can adjust the **gain** as fast as 4dB/ns. Maximum gains from 2 to 100 provided in Figure 11 by a simple **R-C filter** (R10 and C3); ...

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7. Variable **Gain Amplifier** Having Variable **Gain DC Offset Loop** - Patent

A variable **gain amplifier** and offset cancellation loop circuit and may be used as an **automatic gain control (AGC) amplifier** whose **gain** is adjusted 6 shows one specific circuit for use as a low pass **filter** 204, 320 and offset **amplifier feedback**. which sets the pole of the low pass **filter** equal to **RC/2**.

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8. [PDF] 20. Chapter 13, Harris in above circuit performs better than ...

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The resulting negative **feedback** should kill the oscillation at the expense of a small amount of **gain**. ... Impedance matching the crystal **filter** to the IF **amplifier** ... The **automatic gain control** is a receiver feature that holds the signal level relatively straight-forward “**R-C coupled amplifiers**” in series.

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9. A Regenerative Receiver with **AGC** for 80 and 40 Meters

Q1 is configured as a common emitter **amplifier** having a 1K emitter bias resistor, ... This arrangement deliberately gives "too much" **gain**, and the output level of to an **RC lowpass filter** with a time constant of maybe 100 mS or so, ... The reason the **audio filter** is included within the **AGC** loop is so that the ...

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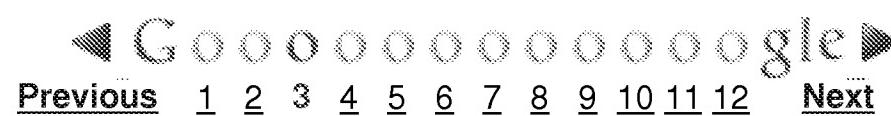
10. [PDF] LMH6504 Wideband, Low Power, Variable **Gain Amplifier**

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AGC applications. For linear **gain** control applications, see. LMH6503 data sheet. The combination of minimal external analysis, OA-13, "Current **Feedback Amplifier**" Loop **Gain** provided in Figure 8 by a simple **R-C filter** (R ...

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